

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. - 18. (canceled)

19. (currently amended) A stop for a drill bit, said drill bit having an elongate body rotatable about an axis, a tip at one end of said body for drilling into a surface, a second end of said body opposed to said tip for coupling said bit to a drill, and an engagement region on the exterior of said body between said tip and said second end, said stop comprising:

a first sleeve for adjusting a position of said stop relative to said tip of said drill bit, said first sleeve having a first thread adapted to engage said engagement region on said drill bit, and a second thread having a pitch different from that of said first thread, said first sleeve being rotatably mounted to said drill bit about said engagement region, said first sleeve providing one of fine adjustment and coarse adjustment of said position of said stop with respect to said drill bit tip; and

a second sleeve concentrically coupled to said first sleeve for adjusting said position of said stop relative to said tip of said drill bit, said second sleeve having a thread adapted to engage said second thread of said first sleeve, said second sleeve being rotatably mounted to said first sleeve, said second sleeve also providing the other of fine adjustment and coarse adjustment of said position of said stop;

a centering member for centering said drill bit in a predetermined drilling location in said surface, said centering member being retractably mounted to said drill bit and projecting from said drill bit towards said surface, said centering member including a forward end;

a resilient member disposed within said centering member, to bias said centering member towards a fully extended position in which said forward end of said centering member extends past said tip of said drill bit; and

a shoulder, mounted on one of said second sleeve ~~and~~ or said centering member, for limiting a depth of penetration of said drill bit into said surface.

20. (original) The stop of claim 19 wherein said resilient member is a spring.

21. (original) The stop of claim 19 wherein said resilient member is a resilient elastomer.

22. (original) The stop of claim 19 wherein said forward end of said centering member has threads; and

wherein said stop further comprises an alignment piece having threads on one end thereof and an aperture on an opposed end thereof, said threads of said alignment piece being configured to mate with said threads of said centering member, and said aperture being sized to accommodate the maximum diameter of said drill bit.

23. (original) The stop of claim 22, wherein said alignment piece has a frusto-conical exterior, where said aperture is disposed at the smaller end of the frustum of said frusto-conical exterior, and said threads of said alignment piece are disposed at the opposite end of said frustum.

24. (original) The stop of claim 22, further comprising a plurality of alignment pieces, each having an aperture having a different size, to accommodate drill bits having a plurality of different diameters.

25. - 36. (canceled).

37. (previously presented) The stop of claim 19, wherein said predetermined drilling location includes a countersink bore below said surface, and said centering member is adapted to center said drill bit in said countersink bore for drilling into said surface.